

2.1 Protect Human Health

DWR

1.1 Drinking Water Plan Review

Continued

1.1

1 Report numbers of permitting decisions on drinking water plan review applications. POU/POE approvals are included in the ATC/AOC numbers.

DWSRF 10%

a	Approvals to Construct (ATC)	Semi-Annual	Drinking Water
b	Approvals of Construction (AOC)	Semi-Annual	Drinking Water

1.1

WQFF-DWSRF 10% [Match]	0.50	31,040	13,658	19,998	64,696
WQFF	2.17	91,607	40,307	59,018	190,932
SDW (VEI) DWSRF 10% [Match]	0.81	57,770	25,419	37,219	120,408
DWSRF 10%	1.92	108,219	47,616	69,721	225,556
	5.40	288,636	127,000	185,956	601,592

2.1 Protect Human Health

DWR

1.2 Drinking Water Technical Assistance

Continue WIFA/DEQ partnership in providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate.

1.2

1 Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA.	4/15/2018	Drinking Water	
2 Assign technical assistance projects to state approved contractors and oversee contractor performance. Apply system level TA, which may include fundable ranges outlined in WIFA's Intended Use Plan (IUP), within 30 days after SEs are approved by the state.	Semi-Annually	Drinking Water	
3 Report the decrease in missed monitoring violations for lead and copper	4/15/2018	Drinking Water	DWSRF 10%
4 Report the technical assistance provided to small PWS with a high score on the MPL	Semi-Annually	Drinking Water	DWSRF 10%
5 Report the the number of small PWSs in compliance	6/30/2018	Drinking Water	DWSRF 10%
6 If resources are available, ADEQ will attend the national Capacity Development and Operator Certification conference/workshop	6/30/2018	Drinking Water	
7 If resources are avaialble, ADEQ will attend the EPA -ORD Small Systems Compliance Technology Workshop	6/30/2018	Drinking Water	
8 Report the number of small PWS which a water rate analysis/rate case was completed.	Semi-annually	Drinking Water	

2.1 Protect Human Health

DWR

1.2 Drinking Water Technical Assistance

Continued

1.2

SDW (VEI) DWSRF 10% [Match]	0.50	29,432	12,950	18,962		61,344
SDW (VEI)	0.18	9,421	4,145	6,070		19,636
DWSRF 10%	0.69	34,886	15,350	22,476		72,712
Contract: Oper Tech Assist (DSWRF 15%)					200,000	200,000
Contract: Oper Tech Assist (2% set aside)					200,000	200,000
	1.37	73,739	32,445	47,508	400,000	553,692

1.3 Operator Certification

The Safe Drinking Water Act requires states to adopt and implement a program for certification and recertification of the operators of community water systems (CWSs) and non-transient, non-community water systems (NTNCWSs) that meet the minimum standards set forth in guidelines to be published by EPA.

ADEQ will conduct certification exams or contract with third party to conduct exams statewide, maintain registry of certified operators, and process and resolve disputes between persons and third party testers. ADEQ will continue outreach on the proposed operator certification fee rule as needed.

1.3

1 Conduct training workshops.	6	Drinking Water	PPG
2 Report certificates issued by class and grade:			PPG
a Distribution Grade 1	Semi-Annual	Drinking Water	
b Distribution Grade 2	Semi-Annual	Drinking Water	
c Distribution Grade 3	Semi-Annual	Drinking Water	
d Distribution Grade 4	Semi-Annual	Drinking Water	
e Treatment Grade 1	Semi-Annual	Drinking Water	
f Treatment Grade 2	Semi-Annual	Drinking Water	
g Treatment Grade 3	Semi-Annual	Drinking Water	
h Treatment Grade 4	Semi-Annual	Drinking Water	
3 Review and verify professional development hours for certification renewals.	10%	Drinking Water	PPG
4 Conduct annual audit of approved third party proctors.	100%	Drinking Water	PPG
5 FY16 Annual Report to EPA	9/15/2017	Drinking Water	PPG

2.1 Protect Human Health

DRW

1.3 Operator Certification

Continued

1.3

WQFF-DWSRF 10% [Match]	1.00	37,570	16,531	24,205		78,306
SDW (VEI) DWSRF 10% [Match]	1.67	85,457	37,601	55,056		178,114
SDW (VEI)	0.25	15,777	6,942	10,164		32,883
PPG	0.58	28,078	12,354	18,089		58,521
Contract: Oper Tech Assist (2% set aside)					100,160	100,160
	3.50	166,882	73,428	107,514	100,160	447,984

2.1 Protect Human Health

DWR

1.4 New and Existing System Capacity Development

Ensure that new community water systems and non-transient, non-community water systems which commenced operations since October 1, 1999, can demonstrate technical, managerial and financial capacity to operate in compliance with the requirements contained in the federal regulations in effect at the time the water system begins operations.

Continue WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address.

1.4

1 Report permitting decisions on elementary business plan applications.	Semi-Annual	Drinking Water	DWSRF 10%
2 Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following PWS managers/owners topics:			DWSRF 10%
a Monitoring Assistance Program	4	Drinking Water	
b New PWS capacity development	4	Drinking Water	
d Existing Safe Drinking Water rules	4	Drinking Water	
3 FY17 Governor's Report	9/15/2017	Drinking Water	DWSRF 10%
4			DWSRF 10%

1.4

SDW (VEI)	0.08	4,837	2,128	3,116	10,081
DWSRF 10%	0.29	17,282	7,604	11,134	36,020
	0.37	22,119	9,732	14,250	46,101

1.5 Drinking Water Monitoring Assistance Program (MAP)

Assist small public water systems serving fewer than 10,000 populations with improving system compliance by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed.

1.5

1 Update monitoring schedules, including waivers and/or reduced monitoring assessments, for:

a	Groundwater PWSs	Semi-Annually	Drinking Water
b	Surface water PWSs	Semi-Annually	Drinking Water

1.5

SDW (VEI)	0.48	30,617	13,471	19,725		63,813
Map Fee Fund	1.00	45,841	20,170	29,533		95,544
Contract: Map Lab					750,000	750,000
	1.48	76,458	33,641	49,258	750,000	909,357

2.1 Protect Human Health

DWR

1.6 Drinking Water Monitoring and Reporting

These activities will support all the monitoring and reporting requirements for public drinking water systems in accordance with state and federal drinking water rules.

1.6

1 Complete SDWIS reporting for OECA on actions taken on systems with new violations.	T = Quarterly	A =	Drinking Water	DWSRF 10%
2 Run monitoring/reporting rules in SDWIS, or alternative system as per monitoring schedule, validate violations and ensure proper public notification is issued. Report rules that were not run.	T = Semi-Annual	A =	Drinking Water	DWSRF 10%
3 Hold regular meetings and/or conference calls with EPA to discuss PWSs issues. Document agreement on discussed items and follow up actions.	T= Monthly (12)	A =	Drinking Water	DWSRF 10%
4 Complete GUDI determinations on new groundwater sources as they are developed. Report determinations.	T = Semi-Annual	A =	Drinking Water	DWSRF 10%
5 Review and respond to incremental primacy crosswalks comments as provided by EPA for PWS definition, Arsenic and Radionuclides	T = Within 45 days of receipt from EPA Region 9	A =	Drinking Water, Director	DWSRF 15%
6 Review the January 2017 SDWIS Data Quality Report and determine high priority data quality improvement areas to be addressed in FY18	7/1/2017		Drinking Water	DWSRF 15%
7 Conduct an oversight audit of Maricopa County delegated program	6/30/2018		Compliance /Drinking Water	DWSRF 15%
8 If resources are available attend the annual ASDWA Data Management Users Conference	Semi-Annually		Drinking Water	DWSRF 15%
9 Coordinate with EPA to schedule an EPA PWSS program review	10/1/2016		Drinking Water	
10 Review EPA's PWSS program review report and incorporate recommendations into the FY17 workplan as appropriate	6/30/2017		Drinking Water	

2.1 Protect Human Health

DWR

1.6 Drinking Water Monitoring and Reporting

Continued

1.6

SDW (VEI) DWSRF 10% [Match]	0.33	21,003	9,241	13,531	43,775
SDW (VEI)	2.82	146,536	64,476	94,407	305,419
DWSRF 15%	1.46	78,540	34,558	50,600	163,698
DWSRF 10%	3.65	197,174	86,757	127,031	410,962
	8.26	443,253	195,032	285,569	923,854

2.1 Protect Human Health

DWR

1.7 Source Water Protection

Identify protective strategies and assist individual public water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. Targets are our goals; however, the actual numbers achieved rely on the willingness and ability of public water systems to participate in the voluntary source water protection program (SWPP).

- a) Source Water Protection – provide technical assistance in planning and implementing local Source Water Protection for public water systems throughout Arizona.
- b) Source Water Assessments – perform or assist in the development of assessments for new individual sources or new systems which voluntarily choose to participate in source water protection by delineating source water protection areas, inventorying potential sources of contamination and performing vulnerability/susceptibility analysis.
- c) GUDI/Suspect GUDI Evaluations/Hydrology reviews – Make sensitivity determinations for PWSs/sources through reviews of occurrence data, sanitary surveys, and hydrological characterizations.

1.7

1 Conduct Source Water Protection Program outreach events with individual PWSs.	6	2	Drinking Water	DWSRF 15%
2 Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas.				DWSRF 15%
A) Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.				
a Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.	2	1	Drinking Water	
3 Conduct comprehensive inventories of potential sources of contamination.	6	5	Drinking Water	DWSRF 15%
a Collect locational data using GPS and/or GIS for potential sources of contamination (chemical use/storage) within ½ mile radius of a new or existing drinking water source.	3	1	Drinking Water	
b Identify any changes in trends to the previously identified, most prevalent, and most threatening potential sources of contamination.	6/30/2018		Drinking Water	
4 Assist public water systems to identify protection strategies and to implement those strategies.				DWSRF 15%

2.1 Protect Human Health

DWR

1.7 Source Water Protection

Continued

1.7

a Use new and updated SW assessments as part of a PWS's development of a SW Protection Plan

4

1

Drinking Water

5 Participate in regional source water protection calls/forums.

As
scheduled/needed

1

Drinking Water

DWSRF 15%

1.7

DWSRF 15%

1.85

112,331

49,426

72,370

234,127

1.85

112,331

49,426

72,370

234,127

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Carry out Arizona's groundwater protection program to protect Arizona's aquifers as drinking water sources. Maintain compliance with these programs through effective permitting in accordance with Department rules, practices, and policies.

Assist individual wastewater systems to improve operations on site.

2.1

1				DWSRF 15%
a	Construction Authorizations Strategy 2.b.i	Semi-Annual	Drinking Water	
b	Discharge Authorizations Strategy 2.b.i	Semi-Annual	Drinking Water	
2	Report number of permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications. Strategy 3.a.i	Semi-Annual	Drinking Water	
3	Report on groundwater issues related to underground injection via the APP Permits with UIC Nexus.Table following Task 2.1.	Semi-Annual	Water Permits	DWSRF 10%
4	Report number of permitting decisions on APP and reclaimed water permit applications.	Semi-Annual	Water Permits	
5	Provide technical support to WQIG on grant applications & public education. Strategy 3.a.i	As needed	Water Permits	
6	Register existing and new dry wells (Class V injection wells). Report number registered.	Semi-Annual	Water Permits	DWSRF 15%
7	Provide list of APP recharge applications in progress. (Refer to Recharge Facility Reviews Table following Task 2.1.)	Semi-Annual	Water Permits	DWSRF 15%
8	Review hydrologic reports, attend meetings and provide technical support on projects related to mitigation orders. (Refer to Mitigation Order Reviews Table following Task 2.1)	Semi-Annual	Water Permits/Compliance	DWSRF 15%

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

2.1

9 Manage the Pesticide Contamination Prevention Program

- | | | | |
|---|---|-------------|---------------|
| a | Evaluate potential for agricultural use pesticide active ingredients to reach and/or impact groundwater. Report number processed. | Semi-Annual | Water Permits |
| b | Publish the annual Groundwater Protection List (GWPL) | Semi-Annual | Water Permits |

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

2.1

WQFF-DWSRF 10% [Match]	3.88	229,791	101,108	148,044	478,943
WQFF- PPG [Match]	2.91	182,952	80,499	117,868	381,319
WQFF - NPS in PPG [Match]	0.27	17,478	7,690	11,260	36,428
WQFF	8.61	460,331	202,546	296,571	959,448
DWSRF 15%	2.86	165,841	72,970	106,844	345,655
DWSRF 10%	1.49	97,997	43,119	63,135	204,251
	20.02	1,154,390	507,932	743,722	2,406,044

1 - APP PERMITS WITH UIC NEXUS

Excelcior Gunnison	The project is a proposed in situ (ISR) copper mine. The ISR method involves injecting low-pH barren solutions into the orebody using injection wells and extracting copper-bearing solutions at recovery wells that surround each injection well.
Florence Copper, Inc. Pilot Test Facility	FCI applied for a significant amendment to the Temporary Individual Permit. The purpose of the amendment is to address the Water Quality Appeals Board decision to uphold the Administrative Law Judge's decision on the Appeal of the permit.
BHP Miami	APP to include injection well field. Existing Individual APP Permit #101546.
Morton Salt	Glendale, AZ. Salt is mined from Luke Salt Body via solution mining wells. Existing Individual APP (Permit #100176).

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

2 - RECHARGE FACILITY REVIEWS

TBD at end of FY 17

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

3 - MITIGATION ORDER REVIEWS

Sierrita Mitigation Order

Sulfate in groundwater from Freeport McMoRan Sierrita Mine

Bisbee Mitigation Order

Sulfate in groundwater from Freeport McMoRan Copper Queen Mine

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Carry out federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies.

3.1

1 Report the number of permitting decisions on AZPDES individual permit applications.

a.i	Report numbers processed. Issued	Semi-annual	Water Permits
a.ii	Report numbers processed. Modified	Semi-annual	Water Permits
a.iii	Report numbers processed. Denied	Semi-annual	Water Permits
a.iv	Report numbers processed. Suspended	Semi-annual	Water Permits
a.v	Report numbers processed. Withdrawn/Revoked	Semi-annual	Water Permits
a.vi	Report numbers processed. Backlogged	Semi-annual	Water Permits
b	Coordinate with EPA on variance approval process and strategy.	Semi-annual	Water Permits

2 Process permit renewals for all expiring AZPDES permits with a goal of 90% current to minimize backlog. (Refer to AZPDES Renewal Permits Table following Task 1.3.1.). For purposes of this work plan, 'backlog' means an AZPDES application that is 6 months after the permit expiration or one year after application receipt date for a new application.	>90%	# Individual Permits: # General Permits: Total # Permits: # Backlogged: % backlogged:	Water Permits
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3 Phase I MS4 Permits

a	Review annual reports	1/31/2017	Surface Water
b	Continue outreach efforts	ongoing	Surface Water

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

4 Implement activities for MS4 Permittees

a.i	Phase I Conduct one audit of each permittee once every five years	2 (EPA will conduct)	Surface Water
b.i	Phase II Perform one audit of each permittee once every seven years	6/30/2017	Surface Water
c	Refer facilities to the Compliance Section for inspections as needed	As needed	Surface Water

5 Multi Sector General Permits

a	Conduct stakeholder meetings	9/30/2016	Surface Water
b	Provide draft permit for informal review	12/31/2016	Surface Water
c	Public notice draft permit in Arizona Administrative Register	2/28/2017	Surface Water
d	Prepare responses to public notice comments	4/30/2017	Surface Water
e	Issue final permit	6/30/2017	Surface Water

6 AZPDES General Permits - Review and process applications, annual reports, DMRs and SWPPPs. Report applications processed:

a.i	Biosolids GP Notices of Intent	Semi-annual	Water Permits
a.ii	Biosolids GP Notices of Termination	Semi-annual	Water Permits
a.iii	Biosolids GP Total Number of Filers	Semi-annual	Water Permits
b.i	Infrequent discharge GP Notices of Intent	Semi-annual	Water Permits
b.ii	Infrequent discharge GP Notices of Termination	Semi-annual	Water Permits

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

b.iii	Infrequent discharge GP Total Number of Filers	Semi-annual	Water Permits
c.i	Minor discharges GP Notices of Intent	Semi-annual	Water Permits
c.ii	Minor discharges GP Notices of Termination	Semi-annual	Water Permits
c.iii	Minor discharges GP Total Number of Filers	Semi-annual	Water Permits
d.i	Multi-Sector General Permits Notices of Intent	Semi-annual	Surface Water
d.ii	Multi-Sector General Permits Notices of Termination	Semi-annual	Surface Water
d.iii	Multi-Sector General Permits Certificate of No Exposure	Semi-annual	Surface Water
d.iiii	Multi-Sector General Permits Total Number of Filers	Semi-annual	Surface Water
e.i	Stormwater Construction General Permits Notices of Intent	Semi-annual	Surface Water
e.ii	Stormwater Construction General Permits Notices of Termination	Semi-annual	Surface Water
e.iii	Stormwater Construction General Permits Waivers	Semi-annual	Surface Water
e.iiii	Stormwater Construction General Permits Total Number of Filers	Semi-annual	Surface Water
f.i.(1)	DeMinimis General Permits Notices of Intent Single source	Semi-annual	Surface Water

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

f.i.(2)	DeMinimis General Permits Notices of Intent Area wide	Semi-annual	Surface Water
f.ii	DeMinimis General Permits Notices of Termination	Semi-annual	Surface Water
f.iii	DeMinimis General Permits Total Number of Filers	Semi-annual	Surface Water
g.i	Pesticide General Permit Notices of Intent	Semi-annual	Surface Water
g.ii	Pesticide General Permit Notices of Termination	Semi-annual	Surface Water
g.iii	Pesticide General Permit Total Number of Filers	Semi-annual	Surface Water

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

WQFF	14.47	701,157	308,509	451,725		1,461,391
Contract: MS4 Audits (WQFF)					92,000	92,000
	14.47	701,157	308,509	451,725	92,000	1,553,391

Tempe Town Lake ** carryover	AZ0024490	Maj	New Application Pending			NA	NA
ENTRADA DEL ORO	AZ0024899	Min	Renewal Application Pending	1/24/2018	7/28/2017		
TRILLIUM WEST WWTP	AZ0025518	Maj	Renewal Application Pending	1/24/2018	7/28/2017		
USAF - LUKE AFB - LITCHFIELD PARK WWTP	AZ0110221	Maj	Renewal Application Pending	1/24/2018	7/28/2017		
CITY OF YUMA - FIGUEROA AVE WPCF	AZ0020443	Maj	Renewal Application Pending	2/21/2018	8/25/2017		
NIBW GAC TREATMENT FACILITY	AZ0026123	Min	Renewal Application Pending	3/25/2018	9/26/2017		
JBS FIVE RIVERS CATTLE FEEDING	AZ0026115	Min	Renewal Application Pending	4/8/2018	10/10/2017		
AG&F - TONTO CREEK FISH HATCHERY	AZ0021211	Min	Renewal Application Pending	6/12/2018	12/14/2017		
CITY OF TUCSON - LAKESIDE PARK LAKE	AZ0024201	Min	Renewal Application Pending	6/16/2018	12/18/2017		
SUN VALLEY SOUTH WRP	AZ0025691	Maj	Renewal Application Pending	6/23/2018	12/25/2017		

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

PALO VERDE ROAD WWTP	AZ0025500	Min	Renewal Application Pending	6/23/2018	12/25/2017
CAMELBACK ROAD & CENTRAL AVENUE WQARF AREA	AZ0024848	Min	Renewal Application Pending	7/10/2018	1/11/2018
SUPERIOR SANITARY DISTRICT - WWTP	AZ0021199	Min	Renewal Application Pending	7/10/2018	1/11/2018
AGUA NUEVA WRF	AZ0026107	Maj	Renewal Application Pending	7/10/2018	1/11/2018
SADDLEBROOKE RANCH WATER RECLAMATION PLANT	AZ0024775	Min	Renewal Application Pending	7/10/2018	1/11/2018
ARIZONA CITY SANITARY DISTRICT - WWTP	AZ0024244	Maj	Renewal Application Pending	7/25/2018	1/26/2018
ORACLE SANITARY DISTRICT WWTP	AZ0020681	Min	Renewal Application Pending	9/12/2018	3/16/2018
SRP - KYRENE GENERATING STATION K-7	AZ0024791	Maj	Renewal Application Pending	9/23/2018	3/27/2018
CITY OF PHOENIX - RIO SALADO HABITAT RESTORATION	AZ0024554	Maj	Renewal Application Pending	9/30/2018	4/3/2018
JRC GOODYEAR	AZ0025747	Min	Renewal Application Pending	10/3/2018	4/6/2018
PILOT TRAVEL CENTER #328	AZ0025658	Min	Renewal Application Pending	12/3/2018	6/6/2018

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.2 CWA 401 Certification Review of Federal Permits and Licenses

Conduct CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards.

3.2

1 Report certification decisions on State 401 applications. (Refer to 401 Certification Actions Table following Task 3.2) Report certification decisions.

PPG

a	Regional CWA 404 general permits	Semi-Annual	Surface Water
b	Individual CWA 404 permits	Semi-Annual	Surface Water
c	Nationwide CWA 404 permits	Semi-Annual	Surface Water
d	Other federal permit or licenses applications	Semi-Annual	Surface Water

3.2

PPG	0.41	24,306	10,695	15,659	50,660
	0.41	24,306	10,695	15,659	50,660

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.3 Regional Water Quality Management Planning

Carry out state and federal requirements of regional Water Quality Management Planning Program (CWA 208 Program). Track implementation of new WQM Plans (e.g., Yuma, SEAGO).

3.3

1 Process WQM Plan Amendments/Updates. Report status of amendments received. (Refer to Regional WQM Planning Activity table following Task 3.3)	Semi-Annual	Surface Water	604(b)16
2 Process 208 conformance determinations. Report determinations. (Refer to Regional WQM Planning Activity table following Task 3.3)	Semi-Annual	Surface Water	604(b)16
3 Coordinate and assist Regional organization in their planning efforts, including evaluating the necessity for a revised State Water Quality Management Plan		Surface Water	PPG

3.3

PPG	0.35	15,417	6,783	9,932		32,132
604(b)16	0.65	28,632	12,025	18,191		58,848
Aid to Orgs: Council of Gov't (604(b) 16)					40,000	40,000
	1.00	44,049	18,808	28,123	40,000	130,980

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.4 Surface Water Program Development

Perform support activities for surface water program including development of program rules, procedures, and policies.

3.4

1	Finalize triennial review				PPG
a	Meet with Governor's Regulatory Review Council	7/31/2016		Surface Water	
	Strategy 1.a.ii				
b	Submit to EPA for final approval	8/31/2016		Surface Water	
	Strategy 1.a.ii				
2	Prepare draft narrative lakes nutrient criteria and implementation procedures for public comment.	9/30/2016		Surface Water	NPS in PPG
	Strategy 1.a.ii				
3	Draft Impaired Waters Identification Rule update for internal review.	8/31/2016		Surface Water	PPG

3.4

WQFF - NPS in PPG [Match]	0.10	6,503	2,861	4,190	13,554
WQARF NPS in PPG [Match]	0.08	5,218	2,296	3,362	10,876
PPG	0.16	7,478	3,290	4,818	15,586
NPS in PPG	0.41	23,490	10,336	15,134	48,960
	0.75	42,689	18,783	27,504	88,976

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.5 Ambient Monitoring Program

Conduct ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, fish tissue and sediment sampling for priority pollutants. Monitoring to include targeted characterization, planning and/or probabilistic sites in support of 305(b) assessment process, maintaining designated uses, and CWA-SDWA coordination.

3.5

1 Conduct ambient stream, lake, fish, and intermittent stream monitoring according to the FY18 sample plan throughout Arizona.	6/30/2018	Surface Water	NPS in PPG, PPG, 106 Mon - 6
Ambient sampling			
Strategy 1.a.i			
2 Send FY18 SAP to EPA.	8/31/2017	Surface Water	NPS in PPG
Strategy 1.a.i			
3 Prepare FY19 ambient monitoring plan	6/30/2018	Surface Water	
Strategy 1.a.i			

3.5

WQARF NPS in PPG [Match]	3.59	170,391	74,972	109,775	355,138
PPG	1.90	88,401	38,896	56,953	184,250
NPS in PPG	1.48	80,378	35,366	51,784	167,528
Contract: Lake Havasu Monitoring (PPG)				8,000	8,000
106 Mon - 6	0.25	13,946	6,136	8,985	29,067
Contract: USGS (PPG)				95,000	95,000
Contract: Ambient Sampling (PPG)				203,700	203,700
	7.22	353,116	155,370	227,497	1,042,683

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.6 106 Monitoring

Conduct monitoring Initiative (MI) program for implementation of Arizona approved comprehensive monitoring strategy.

3.6

1 Conduct nutrient monitoring for Rivers and Streams per FY18 sampling and analysis plan.	Quarterly	Surface Water	NPS in PPG, 106 Mon - 6
Strategy 1.a.i; Strategy 1.b.ii			
2 Intermittent Streams	6/30/2018	Surface Water	NPS in PPG, PPG, 106 Mon - 6
Complete Report on Condition of Intermittent Streams			
Strategy 1.a.i			
3 Design probabilistic fish consumption advisory survey	8/31/2017	Surface Water	NPS in PPG
Select sample frame and indicators and incorporate into FY18 sampling and analysis plan			
4 Sample 15 sites selected by EPA for the National Lake Survey	9/30/2017	Surface Water	106 Mon - 6

3.6

WQARF NPS in PPG [Match]	0.26	18,974	8,349	12,224		39,547
PPG	0.37	18,294	8,049	11,786		38,129
NPS in PPG	0.33	16,552	7,283	10,664		34,499
Contract: Monitoring (106 WPC-5)					30,000	30,000
106 Mon - 6	2.09	101,260	44,554	65,237		211,051
	3.05	155,080	68,235	99,911	30,000	353,226

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.7 305(b) Water Quality Assessment Report and 303(d) List

Develop Integrated Report and list of impaired waters.

3.7

1 Complete external call for data using web-based portal through the new water quality database

NPS in PPG,
PPG

a Gather data for the 2018 Assessment
Strategy 1.a.i

7/15/2016

Surface Water

3.7

PPG	0.38	19,161	8,431	12,345	39,937
NPS in PPG	0.87	52,647	23,165	33,918	109,730
	1.25	71,808	31,596	46,263	149,667

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Plan and manage a Nonpoint Source (NPS) program, including the development of watershed planning documents (TMDLs, WQIPs and EPA-approved alternative plans) to improve surface water quality.

3.8

1 Complete TMDLs for Queen Creek (6)		Surface Water	NPS in PPG, PPG
Strategy 1.c.i			
2 Complete Upper Santa Cruz Clean Water Plan (4)	1/31/2018	Surface Water	NPS in PPG
Strategy 1.c.i			
3 Data collection for San Pedro CWP	2/1/2018		NPS in PPG
Strategy 1.c.i			
4 Baseline monitoring for Davidson Canyon	12/31/2017	Surface Water	NPS in PPG
Strategy 1.c.i			
6 Citizen Science Program			
a Complete handbook and training documents	9/8/2017	Surface Water	
Strategy 1.b.i; Strategy 1.b.ii			
b Complete first volunteer training	Biannual (October 2017/March 2018)	Surface Water	
7 NPS Program Planning			
a Host multi-agency nonpoint source prioritization meeting	12/31/2017	Surface Water	
Objective 3.c			
b Conduct meeting with NRCS to plan FY18 NWQI activities	7/15/2017	Surface Water	
Strategy 3.b.ii; Strategy 4.a.i			
8 WQIG Cycle Development			
a Host 2 project planning events for potential grantees	6/30/2018	Surface Water	
Strategy 3.b.ii; Strategy 3.c.i			
b Release WQIG Cycle RFGA	9/15/2017	Surface Water	

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8

c	Award Preservation Cycle 1 project grants	12/1/2017	Surface Water
d	Release Preservation Grant Cycle 2 RFGA (pending available funding)	3/30/2018	Surface Water

3.8

WQARF NPS in PPG [Match]	0.58	29,492	12,976	19,000	61,468
PPG	0.25	16,323	7,182	10,516	34,021
NPS in PPG	2.70	155,004	68,202	99,862	323,068
Contract: TMDL Sampling (NPS in PPG)				60,000	60,000
Contract: TMDL Sampling (PPG)				27,300	27,300
	3.53	200,819	88,360	129,378	505,857

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Implement watershed planning documents and other projects to protect and restore surface water quality. Conduct effectiveness monitoring and evaluations to track resulting water quality improvements. Report on NPS program progress and successes.

3.9

1	Oversee ongoing implementation projects and technical support contracts to ensure timely completion.	Semi Annual Status Table Update	Surface Water	NPS in PPG
	Objective 2.a; Strategy 3.b.iii			
2	Effectiveness monitoring and BMP evaluations.			NPS in PPG
a	Develop Effectiveness Monitoring & Evaluation plan to identify key sites for FY18.	7/30/2017	Surface Water	
	Strategy 4.a.i			
b	Implement FY18 Effectiveness Monitoring & Evaluation Plan	Semi Annual Status Table Update	Surface Water	
	Strategy 4.a.i			
3	Implement general nonpoint source education, outreach, and technical support activities as requested.			NPS in PPG
a	Statewide education and outreach.	Semi Annual Status Table Update	Surface Water	
	Strategy 1.c.ii; Strategy 1.c.iii; Strategy 2.b.i; Objective 3.b			
4	Conduct monthly update calls with EPA Region 9.	Monthly	Surface Water	NPS in PPG
	Objective 4.b			
5	Enter load reduction data into GRTS in accordance with EPA requirements and deadlines and ensure mandated elements are up to date for existing projects.	2/15/2018	Surface Water	
	Objective 4.b			
6	Draft and submit two WQ-10 and/or SP-12 reports to EPA.	6/30/2018		
	Objective 4.b			

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9

7 NWQI reporting	Semi Annual Status Table Update
Objective 4.b	
8 Report on annual progress of implementing the 2015 - 2019 NPS 5-year plan	
a Submit draft annual report to EPA for review and comment	7/31/2017
Objective 4.b	
b Submit final annual report to EPA	9/30/2017
Objective 4.b	
9 2020-2024 NPS 5-year plan	1/31/2018
Begin planning and discussing with EPA elements of NPS 5-year plan	

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9

WQARF NPS in PPG [Match]	0.25	11,086	4,878	7,142		23,106
NPS in PPG	4.40	239,328	105,304	154,188		498,820
Aid to Orgs: NPS Projects (NPS Proj 27)					1,276,500	1,276,500
	4.65	250,414	110,182	161,330	1,276,500	1,798,426

3.9	18-002 - San Francisco/ Blue River E. coli Reduction	NPS Implementation
	WQIG	E. coli; sediment
	Closes 5/31/2018	
3.8	Upper Santa Cruz Clean Water Plan	WQIP (combined)
	Plan completion	E. coli
	1) Draft CWP (10/31/2017)	
	2) Release for public comment (12/1/2017)	
	3) Submit to EPA for approval (1/31/2018)	
	Upper San Pedro Clean Water Plan	WQIP (combined)
	Plan Development	E. coli, dissolved copper
	1) Implement SAP (ongoing)	
	2) Draft CWP (5/31/2018)	
	Davidson Canyon	Baseline monitoring
	Data summary	
	1) Implement SAP (ongoing)	
	2) Develop data summary (12/15/2017)	
3.9	San Pedro Effectiveness Monitoring and BMP Evaluations	Effectiveness monitoring; BMP evaluation
	WQIG; NWQI; WQD PM	E. coli
	1) Implement SAP (ongoing)	

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

	Big Bug Effectiveness Monitoring WQD PM 1) Develop SAP (12/15/2017) 2) Install equipment (1/15/2018) 3) Implement SAP (ongoing)	Effectiveness Monitoring Lead, copper, zinc
	Mule Gulch Effectiveness monitoring WQD PM; Data summary 1) Implement SAP (ongoing) 2) Develop data summary (11/10/2017)	Effectiveness Monitoring Dissolved copper
	Boulder Creek Effectiveness Monitoring WQD PM 1) Quarterly sampling (ongoing) 2) Update data summary (11/10/2017)	Effectiveness Monitoring; BMP Evaluation Az, Cu, Zn
	Pinto Creek Effectiveness Monitoring WQD PM; Data summary 1) Implement revised SAP (ongoing) 2) Develop data summary (11/10/2017)	Effectiveness Monitoring Dissolved copper
3.8	Queen Creek TMDL Plan Completion 1) Submit to EPA for approval	Traditional TMDL Dissolved Copper
3.9	18-001 - Horseshoe Draw WQIG Closes 9/30/2017 Wetland Restoration on O'Donnell Creek WQIG Closes 4/30/2019	NPS Implementation E. coli; sediment NPS Implementation E. coli

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

18-004 - Erosion and E. coli mitigation on Sands Ranch	NPS Implementation
WQIG	E. coli; sediment
Closes 5/31/2018	
18-005 - Oak Creek Erosion on Schnebly Hill	NPS Implementation
WQIG	E. coli; sediment
Closes 12/31/2017	
18-006 - Erosion Control on Babocomari	NPS Implementation
WQIG	E. coli; sediment
Closes 5/31/2018	
18-007 - Running N Bar	NPS Implementation
WQIG	E. coli; sediment
Closes 12/31/2017	
AZ Game and Fish	NPS Implementation
WQIG	Various
Closes 5/31/2018	
Master Watershed Stewards	NPS Implementation
Plan development; BMP evaluation	Various
Closes 5/31/2018	
Volunteer Water Quality Monitoring (UA contract)	NPS Implementation
WQIG	Various
Closes 5/31/2018	
19-001 - Little Colorado River Crossing	NPS Implementation
WQIG	Sediment
Closes 4/30/2019	

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

19-002 - Menges Ranch Water System Maintenance Project	NPS Implementation
WQIG	E. coli
Closes 4/30/2019	
Apache Natural Resource Conservation District	NPS Implementation
WQIG	Sediment
Closes 4/30/2018	

4.1 Drinking Water Compliance and Enforcement

Conduct compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies. Populate SDWIS sanitary survey fields.

Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress towards meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry.

4.1

1	Report the number of Drinking water sanitary surveys conducted, prioritized by date of last survey.			DWSRF 15%, DWSRF 10%
a	Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.	TBD	Compliance	
b	Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.	TBD	Compliance	
c	Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.	TBD	Compliance	
d	Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.	TBD	Compliance	
2	Report the total number of complaints investigated related to drinking water.	Semi-Annual	Compliance	PPG
3	Report the total number of complaints/non-routine drinking water inspections.	Semi-Annual	Compliance	PPG
4	Report the total number of informal Drinking Water Enforcement Actions.			PPG
a.	Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued	Semi-Annual	Compliance	

2.1 Protect Human Health

GWR, DWR

4.1 Drinking Water Compliance and Enforcement

Continued

4.1

b.	Number of NOC/NOV Closures	Semi-Annual	Compliance	
5	Report the total number of formal Drinking Water Enforcement Actions.			PPG
a.	Number of Administrative Orders issued.	Semi-Annual	Compliance	
b.	Number of Administrative Orders terminated	Semi-Annual	Compliance	
6	Evaluate and respond to EPA's July 2015 Enforcement Tracking Tool (ETT) Report.			PPG, DWSRF 10%
a.	Address all water systems with a score of 11 or higher.	7/2/2018	Compliance	
b.	During the quarterly conference calls between ADEQ and EPA Enforcement Division, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher.	Quarterly	Compliance	
7	Hold monthly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions	Monthly	Compliance	

2.1 Protect Human Health

GWR, DWR

4.1 Drinking Water Compliance and Enforcement

Continued

4.1

WQFF-DWSRF 10% [Match]	0.30	18,572	8,172	11,965	38,709
WQFF- PPG [Match]	0.48	24,101	10,604	15,527	50,232
WQFF	1.15	64,678	28,458	41,669	134,805
SDW (VEI)	3.30	160,151	70,466	103,178	333,795
PPG	0.70	31,439	13,833	20,255	65,527
DWSRF 15%	0.40	17,782	7,824	11,456	37,062
DWSRF 10%	3.76	170,463	75,004	109,822	355,289
	10.09	487,186	214,361	313,872	1,015,419

4.2 Groundwater Compliance and Enforcement

Implement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

4.2

1 Report the number of inspections of facilities possessing the following permit types according to risk-based inspection criteria.				PPG, DWSRF 15%, DWSRF 10%
a. Individual APP; General APP/GQPP/NOD/Reuse	TBD		Compliance	
2 Report the total number of Informal Groundwater Enforcement Actions				PPG
a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.	Semi-Annual		Compliance	
b. Number of NOC/NOV Closures issued	Semi-Annual		Compliance	
3 Report the total number of Formal Groundwater Enforcement Actions.				PPG
a. Number of Administrative Orders issued.	Semi-Annual		Compliance	
b. Number of Administrative Orders terminated	Semi-Annual		Compliance	

4.2

WQFF-DWSRF 10% [Match]	2.35	104,745	46,088	67,483	218,316
WQFF- PPG [Match]	1.15	57,360	25,238	36,955	119,553
WQFF	3.39	181,285	79,765	116,794	377,844
PPG	2.26	95,350	41,953	61,428	198,731
DWSRF 15%	1.86	108,219	47,616	69,721	225,556
DWSRF 10%	0.55	24,782	10,904	15,966	51,652
	11.56	571,741	251,564	368,347	1,191,652

4.3 Surface Water Compliance and Enforcement

Conduct site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2004).

Pretreatment audits and inspections shall be performed in accordance with "Pretreatment Compliance Inspection and Audit Manual for Approval Authorities" (EPA 833/B-86-100, July 1986)

Review each AZPDES permit application from publicly owned treatment works (POTW) without a pretreatment program to determine whether any significant industrial users (SIU) are discharging to the POTW. If so, require the POTW to develop a pretreatment program (full or SIU oversight only) in the subsequent permit or alternatively add the SIUs to the State's SIU inventory.

Review and approve new programs (full or SIU-oversight only) and changes to approved pretreatment programs submitted by POTWs. Provide written analyses to the POTWs when such submittals are unprovable.

Evaluate, prepare, and take informal and formal enforcement actions for violations of water quality statutes, rules and permit conditions and federal CWA statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

Manage the Arizona data in the ICIS-NPDES data system according to EPA data policies[1] and EPA's NPDES electronic reporting rule. This includes data collection, data entry to ICIS-NPDES of required data elements, and reporting. Data sources can include dischargers, state databases, and contractors. Per the rule's requirements, submit a "State Implementation Plan" for meeting phase 2 data requirements and ensure all DMR data is submitted electronically no later than December 21, 2016 with the exception of the storm water data which shall be entered in compliance with the PPG grant condition.

The final rule is effective on December 21, 2015. The incorporation by reference of certain publications listed in this rule was approved by the Director of the Federal Register as of February 7, 2000. In accordance with 40 CFR part 23, this regulation shall be considered issued for purposes of judicial review at 1 p.m. Eastern time on November 5, 2015. The start dates for electronic reporting are provided in 40 CFR 127.16.

4.3

- b Timely and/or appropriate enforcement actions (see item 12)

1 Conduct the targeted number of AZPDES point source inspections:

PPG

- a Perform scheduled compliance inspections of all major facilities that are operational every other year.

29

Surface Water

4.3 Surface Water Compliance and Enforcement

Continued

4.3

b	Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term.	16	Surface Water	
c	ADEQ will continue negotiations toward a risk-based approach for inspection to EPA.		Surface Water	
2	Conduct the targeted number of inspections of stormwater facilities subject to general permitting requirements			PPG
a	Industrial	50	Surface Water	
b.i.	Phase 1 (facilities larger than 5 acres)	30	Surface Water	
b.ii.	Phase 2 (facilities between 1-5 acres) *Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections.	7	Surface Water	
3	Conduct the targeted number of inspections of CAFO/AFO facilities (permitted and unpermitted).			PPG
a	Inspect all AZPDES permitted CAFOs on a five-year cycle.	0	Surface Water	
b	Inspect unpemitted CAFOs, as needed		Surface Water	
4	Conduct the targeted number of Biosolids Inspections.			
a.	Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5).	5	Surface Water	
b	Large commercial applications annually.	4	Surface Water	
c	Small commercial applicators at least every other year; applicators applying to their own fields at least twice every five years.	2	Surface Water	
5	Review annual reports submitted under biosolids rule.		Surface Water	

4.3 Surface Water Compliance and Enforcement

Continued

4.3

6	Manage the pretreatment program.		PPG
a	Review the annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found.	19	Surface Water
b	Conduct pretreatment audits (PCA) of approved pretreatment programs. The audit shall include at least two inspections of significant industrial users to independently validate the application and implementation of pretreatment standards and requirements.	4	Surface Water
c	Report the total number of pretreatment compliance inspections (PCIs) conducted for approved pretreatment programs. (A PCI shall not be conducted in the same year as a pretreatment audit.)	8	Surface Water
d	Report the total number of SIU-oversight inspections (POTW with an SIU-oversight only pretreatment program). The focus of these inspections is solely to ensure that SIUs are complying with pretreatment standards and requirements.	Once in 5 years	Surface Water
7	Report the total number of sanitary sewers inspected.		Surface Water
8	Report total number of complaints investigated relating to Clean Water Act.		PPG
a	Complaints received.	Semi-Annual	Surface Water
b	Number of complaint/non-routine surface water inspections.	6/30/2016	Surface Water
9	Report a list of informal enforcement actions issued and closed for any data not reported to ICIS:		

4.3 Surface Water Compliance and Enforcement

Continued

4.3

a	MSGP Issued; Closed	Semi-Annual	Surface Water
b	CGP Issued; Closed	Semi-Annual	Surface Water
c	Biosolids Issued; Closed	Semi-Annual	Surface Water
d	CAFO Issued; Closed	Semi-Annual	Surface Water

10 Report a list of formal enforcement actions for any data not reported to ICIS.

a	Administrative orders issued	Semi-Annual	Surface Water
b	Administrative orders terminated.	Semi-Annual	Surface Water

11 Complete a review and provide a response to automated QNCR (major/minor) data to identity and data inaccuracies

Surface Water

4.3 Surface Water Compliance and Enforcement

Continued

4.3

- | | | | |
|----|---|---------|---------------|
| 12 | Hold meetings and/or conference calls with EPA to discuss timely and appropriate CWA enforcement. (*) Document agreement on discussed items on follow up actions. One call each quarter will be devoted to discussing the QNCR/QNVR list and the details of actions taken on each SNC on the QNCR list. | Monthly | Surface Water |
|----|---|---------|---------------|

Notes:

EPA's policy defines "timely" enforcement as formal enforcement taken against a facility in significant non-compliance ("SNC") within 5 ½ months of the end of the quarter in which the facility first appears as SNC on a Quarterly Non-Compliance Report ("QNCR"). Formal enforcement is defined by EPA as an administrative order or civil action that requires the facility to return to compliance. EPA will consider taking formal enforcement action against SNC facilities if ADEQ does not issue a timely formal enforcement action.

- | | | | |
|----|---|----------|--|
| 13 | Update the compliance monitoring strategy for FY17. | 8/1/2016 | |
|----|---|----------|--|
- 14 Complete the outstanding action items from the 2014 State Review Framework report
- a Enter SEVs into ICIS (see general language for data entry on page 39) Meet with EPA by July 29, 2016 to discuss ICIS entry options

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

GWR, SRW

4.3 Surface Water Compliance and Enforcement

Continued

4.3

WQFF- PPG [Match]	2.50	116,931	51,450	75,333	243,714
WQFF- NPS in PPG [Match]	0.43	22,592	9,940	14,555	47,087
WQFF	5.43	311,296	136,970	200,554	648,820
PPG	3.22	155,757	68,533	100,347	324,637
	11.58	606,576	266,893	390,789	1,264,258

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR, SWR

5.1 Division & Section Management & Support

Manage Water Quality Division and Section programs. Perform managerial, administrative, and other program duties. Advise management team and provide guidance and training to staff. Provide program oversight and guidance to regional staff performing tasks under the integrated work plan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Provide senior level technical, regulatory and hydrologic support to the Division Director, the Water Quality Division, and the agency. Develop concise, comprehensive, and technically and legally defensible products supporting development, implementation, and interpretation of WQD programs. Process fees and related administrative tasks for the Division.

5.1

1 Participate in EPA/ADEQ grant meetings:			PPG, DWSRF 10%
a End of year review for FY17	9/30/2017	All Sections	
b Mid-year review for FY18	2/28/2018	All Sections	
c EPA negotiation meetings for FY18	3/31/2018	All Sections	
2 Manage division rules agenda			PPG
a 5-year reviews	6/30/2017	Director	
b Executive Order 2015-01 reducing regulatory burden	8/1/2016	Director	
c Rule packages with governor's exemption	6/30/2017	Director	
3 Manage receipt of fees and permit invoicing for the Division	6/30/2017	Deputy Director	
4 If resources are available, ADEQ will attend the: Fall ASDWA meetings and associated ASDWA-EPA roundtable discussions.	6/30/2018	Drinking Water	
5 If resources are available, ADEQ will attend the: Spring ASDWA meetings and associated ASDWA-EPA roundtable discussions.	6/30/2018	Drinking Water	
6 If resources are available, ADEQ will attend the EPA Region 9 State Directors meeting.	6/30/2018	Drinking Water	
7 If resources available, ADEQ will participate in rule development workgroups/workshops as requested by ASDWA or EPA.	6/30/2018	Drinking Water	

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.1 Division & Section Management & Support

Continued

5.1

8 4) In keeping with EPA Region 9's Greening Grants Policy, ADEQ will identify any appropriate goals and measures for the Agency in the areas of environmental preferable purchasing, resource conservation and disposal, and/or energy efficiency and conservation		Director
9 Collaborate with EPA Region 9 to generate a draft update to the Arizona/EPA Accord	10/31/2016	Director
10 Collaborate with EPA Region 9 to generate a final version Arizona/EPA Accord	6/30/2017	Director

5.1

WQFF- PPG [Match]	0.41	46,228	20,340	29,783	96,351
WQFF	7.95	549,623	241,834	354,098	1,145,555
SDW (VEI) DWSRF 10% [Match]	1.00	68,519	30,148	44,144	142,811
SDW (VEI)	2.06	158,861	69,899	102,347	331,107
PPG	3.86	230,313	101,338	148,381	480,032
DWSRF 10%	0.38	25,004	11,002	16,109	52,115
Contract: Agency Director (WQFF)				23,500	23,500
Contract: Program Support (WQFF)				20,000	20,000
Contract: Permit Appeals (WQFF)				30,000	30,000
Contract: Attorney General (PPG)				100,000	100,000
	15.66	1,078,548	474,561	694,862	173,500
					2,421,471

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.2 Water Quality Planning

Coordinate the development and amendment of annual water quality work plans and grants. Plan, control and monitor expenditures of manpower and state/federal financial resources.

5.2

1	Develop annual FY18 Integrated Water Quality Division Workplan and submit to EPA.			PPG
a	Draft	2/28/2017	Deputy Director	
b	Final	5/31/2017	Deputy Director	
2	Coordinate development of performance reports			PPG
a	Final FY16 Output Report to EPA	8/31/2016	Deputy Director	
b	FY17 Mid-Year Output Report to EPA	2/15/2017	Deputy Director	
3	WQ Planning documents			PPG
ai	Submit Budget Status Reports (BSR) summaries for: Performance Partnership Grant (PPG)	Quarterly: 10/31/2016 1/31/2017 4/30/2017	Deputy Director	
aii	Submit Budget Status Reports (BSR) summaries for: DWSRF Federal (15%) Set-Aside	Quarterly: 10/31/2016 1/31/2017 4/30/2017	Deputy Director	
aiii	Submit Budget Status Reports (BSR) summaries for: Wellhead (10%) Set-Aside	Quarterly: 10/31/2016 1/31/2017 4/30/2017	Deputy Director	

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

**GWR, DWR,
SWR**

5.2 Water Quality Planning

Continued

5.2					
PPG	0.50	17,425	7,667	11,226	36,318
	0.50	17,425	7,667	11,226	36,318

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.3 Water Quality Data Management

Facilitate the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate water data capture, storage, access, retrievals, analysis, integration, and sharing.

All water quality data generated in accordance with an EPA approved Quality Assurance Project Plan will be transmitted into the Agency's Storage and Retrieval (STORET) data warehouse using either the Water Quality Exchange (WQX) or WQXweb. Water quality data that are appropriate for STORET include physical, chemical, and biological sample results for water, sediment and fish tissue. The data include toxicity data, microbiological data, and the metrics and indices generated from biological and habitat data. WQX is the water data schema associated with the EPA, State and Tribal Exchange Network. More information about WQX, WQXweb, and the STORET warehouse, including tutorials, can be found at <http://www.epa.gov/storet/wqx/>

5.3

1 Conduct gap analysis to inform design and programming of the required systems to implement EPA's E-reporting rule, including E-DMR.	6/30/2017	ITS Director Compliance	PPG
2 Complete gap analysis to allow participating laboratories to transmit test data to SDWIS via CMDP, or continue to roll-out lab to state.	12/31/2017	ITS Director Drinking Water	
3 Continue to diagnose and fix bugs in ADEQ Water Quality Compliance Database uploads to EPA Integrated Compliance Information System database.	6/30/2017	ITS Director	PPG
4 Continue to assist in the analysis and design of myDEQ.	6/30/2018	ITS Director Permits Surface Water Compliance Drinking Water	
5 Water Quality Database			PPG
a Install new software and complete data migration to manage water quality data.	6/30/2017	ITS Director Surface Water	
b Diagnose and fix bugs in current water quality database, including data loads to EPA Water Quality Exchange network during transition to new database solution.	6/30/2017	ITS Director Surface Water	

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

**GWR, DWR,
SWR**

5.3 Water Quality Data Management

Continued

5.3

6 Stormwater general permits

- | | | | |
|---|--|-----------|----------------------------------|
| a | Diagnose and fix bugs related to permits in storm water database, including annual fees program. | 6/30/2017 | ITS
Director
Surface Water |
| b | Diagnose and fix bugs related to storm water database e-permitting system, Smart-NOI. | 6/30/2017 | ITS
Director
Surface Water |

7 Reporting

- | | | | |
|---|--|-----------|--|
| a | Continue to develop a data warehouse solution for storm water permits, class V injection wells and Discharge Monitoring Report data. | 6/30/2017 | ITS
Director
Surface Water
Compliance |
|---|--|-----------|--|

5.3

WQFF	8.10	589,831	259,526	380,002		1,229,359
PPG	0.88	57,370	25,243	36,961		119,574
Contract: SAIC (SDW-VEI)					30,000	30,000
Contract: Data Warehouse (PPG)					65,200	65,200
	8.98	647,201	284,769	416,963	95,200	1,444,133

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR

5.4 WIFA Support

Provide water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniques and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be wastewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements.

5.4

1 Provide engineering consultation to WIFA project managers during loan application process:

- | | | | |
|---|---|-------------------------------|---------------------------------|
| a | Review WIFA project manager's due diligence report for evaluation of project purpose, scope and cost. | As needed | Water Permits
Drinking Water |
| b | Accompany WIFA project managers on loan application visits when needed to assist with evaluation of technical aspects of project. | As needed | Water Permits
Drinking Water |
| c | Assist with WIFA review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. | 2-4
wastewater
projects | Water Permits
Drinking Water |

2	Accompany WIFA project managers on construction observations when needed to assist with review of American Iron and Steel compliance.	As needed	Water Permits Drinking Water
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3	Answer questions/provide engineering consultation to WIFA project managers as technical questions arise.	6/30/2018	Water Permits Drinking Water
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5.4

SDW (VEI)	0.25	19,633	8,639	12,649	40,921
	0.25	19,633	8,639	12,649	40,921

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.5 Border Strategy

Continue implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region.

Coordinate with EPA on Border 2020, or subsequent U.S.-Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program.

5.5

1 Continue support of the wastewater pretreatment program in the Ambos Nogales border region.

Specific activities include:

- | | | | |
|---|---|-----------|-----|
| a | Provide technical support to stakeholders
Strategy 3.c.i | 6/30/2017 | SRO |
| b | Maintain or revise, if necessary, ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities | 6/30/2017 | SRO |
| c | Assist with coordination of training to enhance local pretreatment efforts | 6/30/2017 | SRO |
| d | Assist with source characterization of regulated contaminants | 6/30/2017 | SRO |

2 Participate in or chair meetings with binational stakeholders regarding issues and remedies to the water quality impairment of shared watersheds along the US/Mexico border including Nogales Wash in Ambos Nogales

6/30/2017

SRO

DWSRF 15%

Strategy 3.c.i

3 Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.

6/30/2017

SRO

4 Coordinate with EPA on Border 2020 and provide technical support as feasible on projects funded through the program.

6/30/2017

SRO

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.5 Border Strategy

Continued

5.5

5 Assist in TMDL and groundwater quality investigations for sites located in the border region as assigned. Investigations may include the need to photo-document conditions, collect field notes, conduct water quality sampling and data management, and/or file preliminary reports on findings.

6/30/2016 SRO

Strategy 1.c.i; Strategy 1.c.ii

6 Assist in the development and oversight of special conditions for permits assigned to operators of facilities in the border region.

6/30/2017 SRO

7 Provide bilingual compliance assistance to customers in the border region.

6/30/2017 SRO

5.5

WQFF	0.97	64,164	28,232	41,338	133,734
DWSRF 15%	0.33	21,836	9,608	14,068	45,512
	1.30	86,000	37,840	55,406	179,246

